

## ABSTRACT

The invention's structure consists of layered vehicle tires connected both vertically and horizontally to form a continuous barrier structure. The tires are pre-filled with an aggregate matching the medium at the installation site and sealed to retain the fill. This pre-fill generates a neutral buoyancy. The tires will then be laid flat horizontally and formed into a continuous straight row by strapping one to the next with the tread areas adjoining. Successive layers would be fabricated atop the first in an offset fashion causing the strapped areas to be positioned over the open center of the tires above and below. Strapping is applied vertically between alternate layers and layers would be added until a designated height is achieved. The subsequent structure will be installed at the sea bed or beach area in a four foot deep trench running parallel to the coast line. Screw type anchors will be attached at intervals to assist in stabilizing the structure. The structure will be of a height that allows the incoming wave and tidal action too carry sand/soil over the structure and, by slowing the retreating water, cause the particulate to be deposited and accumulated on the coast side of the structure.